A timestamping proof standard

OpenTimestamps aims to be a standard format for blockchain timestamping.

STAMP & VERIFY
Use the in-browser stamper and verifier

HOW IT WORKS
Details on OpenTimestamps

MEMBERS
Companies using OpenTimestamps

CODE REPOSITORIES
OpenTimestamps repositories

MAILING LISTS
OpenTimestamps announcements

STAMP & VERIFY

Fifty reasons.pdf 148.8 kB
SHA256:
0e0fcfde796fb6b829df9b38920fad5b0d361f1023c6e5bb

SUCCESS!
OpenTimestamps receipt created and download started

HOW IT WORKS

A timestamp proves that some data existed prior to some point in time. OpenTimestamps defines a set of operations for creating provable timestamps and later independently verifying them. At the time of writing timestamping on the Bitcoin blockchain is supported, the format is flexible enough to support a variety of methods. More.

Anyone could realize a timestamp with the permissionless blockchain by paying the transaction fees, for your convenience we offer calendar servers that perform this operation for you. These servers are **free to use** and they don't require any registration or api key.

PYTHON JAVASCRIPT JAVA

```
$ pip3 install opentimestamps-client
$ ots stamp my-file
```

MORE

CALENDARS

The following are the, **free to use**, default calendars used by OpenTimestamps. They rely on donations to reduce maintainers efforts, they accept bitcoin and some accept lightning network payments. Check the calendars uptime.

ALICE
BOB
FINNEY
CATALLAXY

MEMBERS

ETERNITY WALL

STAMPERY

BLOCK NOTARY

VERISART

SIGNATURA

OSDSP

CATALLAXY

BYLLS

XCOOBEE

CONDOMINIOADVISOR

CERVED

TRAMITAPP

AYI & ASOCIADOS

TUTELIO

ID SHOOTER

CREATIVITY SAFE

JENIA SOFTWARE

CERTIFIRM

DGI

INTESI GROUP

TRUSTY

STAMPIZ

FAKEPROOF

CERTIKA

KNOWMAD INSTITUT

SAVIS DIGITAL

SIMPLEPROOF

DIGITAL TIMESTAMPS

ZOHO

ADD YOUR COMPANY HERE

REPOSITORIES

CLIENT
Client tool to perform stamping of files through a calendar server and to verify OpenTimestamps proof
opentimestamps-client

SERVER
Calendar Server receiving timestamp request from clients
opentimestamps-server

PYTHON
Common library
python-opentimestamps

JAVASCRIPT
Common library & Client tool
javascript-opentimestamps

JAVA
Common library & Client tool
java-opentimestamps

RUST
Rust library
rust-opentimestamps